Potential of tidal energy

1868. SHRI THANGA TAMIL SELVAN: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether any technology has been tested for obtaining ocean energy in the country;

(b) if so, the details thereof;

(c) whether the ocean energy potential in the country has been identified; and

(d) if so, the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) and (b) A one MW floating Ocean Thermal Energy Conversion (OTEC) power plant is in the final stages of commissioning nearTuticorin port in Tamilnadu. A 50 kW plant based on wave energy has been set up at Vizhinijam harbour in Kerala. A Detailed Project Report for a 3 MW Tidal Power Project in Sundarbans area of West Bengal has been prepared.

(c) and (d) The three identified sites for Tidal Power in the country are Gulf of Cambay & Gulf of Kutch in Gujarat and Delta of Ganga in Sundarban area of West Bengal with a potential of 12000 MW, 3000 MW and 100 MW, respectively.

Installation of Solar Water Heating System in Hospitals and Hotels

1869. DR. DASARI NARAYANA RAO: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether Government has requested all the States and Union Territory Governments to issue directives for installation of Solar Water heating systems in Government hospitals, hotels etc. where need for hot water exists; and

(b) if so, the response of States and Union Territories with regard thereto?